

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR-999SERIAL NO.
09/805,085INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Yukio Nakamura

(Use several sheets if necessary)

FILING DATE
March 13, 2001GROUP 3752
~~Unknown~~

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	A.A	1	8	6	8	6	9	0	7/1932	Brigham			
DN	A.B	2	2	3	1	8	0	8	2/1941	Isaac	57	152	
DN	A.C	2	4	2	4	7	4	3	7/1947	Davis	28	82	
DN	A.D	3	4	5	9	6	1	5	8/1969	Eilerman	156	181	
DN	A.E	3	5	4	3	3	3	2	12/1970	Wagner et al.	18	8	
DN	A.F	3	6	1	5	9	9	5	10/1971	Buntin et al.	156	161	
DN	A.G	3	7	6	2	9	8	2	10/1973	Whittington	161	47	
DN	A.H	3	8	4	9	0	4	0	11/1974	McGinnis et al.	425	72	
DN	A.I	3	9	0	3	8	4	0	9/1975	Gemelli	118	10	
DN	A.J	4	0	3	1	8	5	4	6/1977	Sprague, Jr.	118	641	
DN	A.K	4	0	9	8	6	3	2	7/1978	Sprague, Jr.	156	295	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
DN	A.L	0235815	9/1987	EP			
DN	A.M	2148183	5/1985	GB			
DN	A.N	11244774A	9/1999	Japan			
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

DN	A.R	Syang-Peng Rwei, <u>Dog-Legging in the Melt Spinning Process</u> , Polymer Engineering and Science, Vol 38, No. 2, pgs. 341-347, February 1998
DN	A.S	J&M Laboratories, <u>Durastitch™ Technology</u> , New Product Release Manual, February 1997
DN	A.T	Rajiv S. Rao et al., <u>Vibration and Stability in the Melt Blowing Process</u> , Ind. Eng. Chem., 32, pgs. 3100-3111, 1993

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<u>DN</u>	B.A	4 1 3 5 9 0 3	1/1979	Ohsato et al.	65	5	
<u>DN</u>	B.B	4 1 4 7 5 8 0	4/1979	Buell	156	291	
<u>DN</u>	B.C	4 1 8 5 9 8 1	1/1980	Ohsato et al.	65	5	
<u>DN</u>	B.D	4 2 5 9 2 2 0	3/1981	Bunnelle et al.	260	27	
<u>DN</u>	B.E	4 3 7 9 0 1 6	4/1983	Stemmler et al.	156	205	
<u>DN</u>	B.F	4 4 1 8 1 2 3	11/1983	Bunnelle et al.	428	517	
<u>DN</u>	B.G	4 4 7 3 9 8 6	10/1984	Zeigler	52	645	
<u>DN</u>	B.H	4 5 2 5 2 2 9	6/1985	Suzuki et al.	156	161	
<u>DN</u>	B.I	4 5 4 3 0 9 9	9/1985	Bunnelle et al.	604	385	
<u>DN</u>	B.J	4 6 2 6 3 0 5	12/1986	Suzuki et al.	156	164	
<u>DN</u>	B.K	4 6 6 6 5 4 2	5/1987	De Jonckheere	156	164	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

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	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<u>DN</u>	B.R	Nordson Corporation, <u>Recouping the Costs of Disposable Diaper Improvements</u> , Brochure, 1/1989
<u>DN</u>	B.S	Exxon Chemical Company, <u>Meltblowing Process</u> , Brochure, 9/1994
<u>DN</u>	B.T	Nordson Corporation, <u>Adhesive and Powder Application Systems for the Nonwovens Industry</u> , Brochure, 1992

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GROUP 375
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>DN</i>	C.A	4 6 8 7 4 7 7	8/1987	Suzuki et al.	604	385	
<i>DN</i>	C.B	4 6 9 5 2 7 8	9/1987	Lawson	604	385	
<i>DN</i>	C.C	4 7 1 0 1 8 7	12/1987	Boland et al.	604	385	
<i>DN</i>	C.D	4 7 1 9 2 6 1	1/1988	Bunnelle et al.	525	97	
<i>DN</i>	C.E	4 7 6 2 5 2 1	8/1988	Roessler et al.	604	38	
<i>DN</i>	C.F	4 7 6 2 5 8 2	8/1988	de Jonckheere	156	164	
<i>DN</i>	C.G	4 7 7 0 6 5 6	9/1988	Proxmire et al.	604	393	
<i>DN</i>	C.H	4 7 8 8 0 8 9	11/1988	Skipper	428	34.9	
<i>DN</i>	C.I	4 7 9 8 6 0 3	1/1989	Meyer et al.	604	378	
<i>DN</i>	C.J	4 8 4 2 6 6 6	6/1989	Werenicz	156	161	
<i>DN</i>	C.K	4 8 4 4 0 0 3	7/1989	Slautterback et al.	118	323	

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	C.L						
	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>DN</i>	C.R	Synthetic Surfaces Inc., <u>Roll With It: Aqueous Adhesives Bond Rubber Covered Rollers</u> , Adhesive Age, 2/1994
<i>DN</i>	C.S	J and M Laboratories, Inc., <u>DuraSystem Hot Melt Applicators</u> , Brochure, undated
<i>DN</i>	C.T	Nordson Corporation, <u>Trends: Stranded Elastic Solutions</u> , Brochure, undated

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March 13, 2001GROUP **3752**
~~Unknown~~

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DN	D.A	4 8 8 0 4 2 0	11/1989	Pomparelli	604	385.1	
DN	D.B	4 8 9 1 2 4 9	1/1990	McIntyre	427	421	
DN	D.C	4 9 0 0 3 8 4	2/1990	Sanders et al.	156	204	
DN	D.D	4 9 1 7 6 9 6	4/1990	De Jonckheere	604	385.2	
DN	D.E	4 9 4 9 6 6 8	8/1990	Heindel et al.	118	314	
DN	D.F	4 9 6 0 6 1 9	10/1990	Slautterback et al.	427	265	
DN	D.G	4 9 8 2 6 8 8	1/1991	Rothen	118	420	
DN	D.H	5 0 2 4 6 6 7	6/1991	Malcolm et al.	604	382	
DN	D.I	5 0 2 6 4 5 0	6/1991	Cucuzza et al.	156	244.11	
DN	D.J	5 0 5 7 5 7 1	10/1991	Malcolm et al.	524	505	
DN	D.K	5 1 0 2 4 8 4	4/1992	Allen et al.	156	244.11	

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	D.L						
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U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SN</i>	E.A	5	1	7	1	5	1	2	12/1992	Mende et al.	264	555	
<i>SN</i>	E.B	5	2	0	8	0	6	4	5/1993	Becker et al.	427	8	
<i>SN</i>	E.C	5	2	1	7	5	5	3	6/1993	Marx et al.	156	143	
<i>SN</i>	E.D	5	2	7	5	6	7	6	1/1994	Rooyackers et al.	156	164	
<i>SN</i>	E.E	5	3	4	2	6	4	7	8/1994	Heindel et al.	427	2.31	
<i>SN</i>	E.F	5	5	0	1	7	5	6	3/1998	Rollins et al.	156	167	
<i>SN</i>	E.G	5	5	0	7	9	0	9	4/1998	Rollins et al.	156	425	
<i>SN</i>	E.H	5	5	2	5	1	7	5	6/1998	Blenke et al.	156	161	
<i>SN</i>	E.I	5	5	7	7	3	0	6	11/1998	Gold	24	715.3	
<i>SN</i>	E.J	5	8	8	2	5	7	3	3/1999	Kwok et al.	264	510	
<i>SN</i>	E.K	5	9	0	2	5	4	0	5/1999	Kwok	264	555	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
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DN	F.A	5 9 0 4 2 9 8	5/1999	Kwok et al.	239	135	
DN	F.B	6 0 7 4 5 9 7	8/2000	Kwok et al.	264	555	
DN	F.C	6 0 7 7 3 7 5	6/2000	Kwok	156	161	
DN	F.D	6 1 9 7 4 0 6	3/2000	Kwok	628	195	
DN	F.E	6 2 0 0 6 3 5	3/2001	Kwok	427	286	
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	F.J						
	F.K						

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